

Field Trip no. 14

Taximunda

January - 3 February, 1948

Field Trip No. 19: Tasmania: 6 Jan. - 3 Feb. 1948

[Plant determinations by Nancy Burbidge]

6/1/48. 3536. Burnie. 538. E. ovata,

Phaulacridium vittatum,

Acacia melanoxylon, Melaleuca sp.,

cleared & uncleared, former with dense
1-1½ ft. pasture, some bracken & bramble.

Basalt, on steep slope & adjacent flat. *Austroicetes vulgaris* (n)

3540 Somerset. 544. Somewhat
Lomandra longifolia

swampy sandy podzol with ~~1-2~~ ²⁻³ ~~sooty~~

(spec.), myrtaceous shrubs, saplings

of E. ovata & another euc. with narrow leaves,
Predmura pedicatis (n)

3548 Wynyard 549. Heath, with euc.

Austroicetes vulgaris (n)

saplings, prob. originally heath under

woodland. Numerous shrubs, Restioidae,

Cyperaceae. Sandy humus soil. Phaul.

Phaulacridium vittatum (n), *Excoecaria imbricata* (n)

558. Thinned wet sclerophyll forest, with

Paratettix argillaceus (R), *Tasmaniacris* sp.

good growth of small shrubs beneath,

on pale sandy soil, a few hundred
(N)

yards to right of main road. 559. Myalla

turn-off. 561. Myalla. 566. Mile to W of

(obliqua) - (regland)

Mitakena. Cleared from a large euc.

Paratettix argillaceus (R), *Tasmaniacris* sp.

+ Nothofagus sp. Undergrowth of

Myrtaceous shrubs, bracken, ferns,
etc. Basalt.

3573. Ret. to main rd. 3575. Heath, with
Phaulaeridium vittatum, *Ecarna* narrow-leaved *incluidens* (n)
Xanthorrhoea & stunted *Leucos.* in places,
Tasmanian sp. *Hemmus*
on hill-slopes. Podzol on low range.

3606. Smithton.

7/1/48. 3607. Smithton. 3610 Heath, 1-3 ft.,
Phaulaeridium vittatum, *Tasmanian* sp.
with *Restionaceae* & *Cyperaceae*, on
obliqua
swamp soil. 3617. Uncleared *Segnans* (?)
[*E. obliqua*] *Chortocites hernimifera* blackwood,
(spce.) with occ. *Nothofagus* & other
(WSF)

tall undergrowth, ferns. No *Acrids*.

Also partly cleared: no *Acrids*.

Completely cleared ditto, with good
low grass pasture, some bracken,
some bare space. Podzol. Phaul.
Chortocites hernimifera

3626. Roadside built up from Melaleuca
swamp. Grasses & herbaceous

dicots. Phaul. (n). 3636. Cleared from
WSF on basalt. Short pasture of
grasses & other herbs, bracken, *Cassinia*
shrubs. Phaul. (n). 3640. Marrawah.

1-3 ft. *Phaulaeridium vittatum* (n),
3642. Heath & stunted trees to 12 ft.

Eoarna includens (n), *Paratettix argillaceus* (R),
on white sand (humus podzol).
Tasmanianus sp.

Return to Marrawah Smithton
3678 Smithton. 3681. Heath with
Eoarna includens (n)

lutton grass (?), 1-3 ft., scattered ^{Phaul.} lucos.
in depression. Water-filled pits frequent.

3688. Montague 3693. Turn round.

Austroicetes vulgaris (n)
Heath with some lutton grass, 1-2 ft.

Adjacent same trees as at 3681 x
[? *E. taenicola*]

3642 (sample).

Smithton - Cornina. 8/1. 3709. Smithton.

Phaulacridium vittatum, *Austroicetes*
3725. Sea to left, fringed with tall
vulgaris
tussocky grasses. Slope to right
leading to DSF. of *obliqua* (?) with ^{low} shrub
understorey 1-5 ft., lower thinner on

top of rise. *Eoarna*. 3752. Weynard.

3762. Completely cleared basalt, hilly.

Fairly short continuous grass pasture.

Phaul. Beech + blackwood in vicinity.

Yolla 3764

Acquisitive turn off 3774

Phaulacridium vittatum (n)

3776. Thinned + cleared from *E. obliqua*,

Acacia dealbata + beech. Dense low

grass, ferns, tall shrubs. WSF.

3801. Waratah. 3842. Corunna. Cleared
Phaulacridium nuttatum
from beech-blackwood along Peman

R. Tall grasses & Cyperaceae, black-
berries, bracken. 3855. WSF. with tree.
E. salicifolia

with very narrow leaves, smooth
shal-gray bark except platy bark
basal 10ft. Tangled mass of *Banera* (?)
beneath to 12ft. *Myrsine* *parvifolia* (H.)
Paidumura ~~*corunna*~~ (H.)

alongside road. 3857. Heath, with
pedestris [*Banera rubioides*]
nutlet grass & *Banera* (?) on hills.
[*E. salicifolia*]

Spec. of me seen at previous top &
Paidumura ~~*corunna*~~ *pedestris*
of *Banera* (?). 3861. Ditto.

9/1/48. 3885. Waratah. 8.30am 29.20".

3889. 9.30am 29.10". *Russalpia albertisi*,
Tasmaniacis sp. *E. gigantea* and a

smaller one. with smooth grey
upper bark, a little rough at base, &
small leaves (sample). Considerably
thinned, now with dense *Poa tussock*,
intermedia etc?

occ. small shrubs. 3893. 10am 29.13".

Russalpia albertisi, *Tasmaniacis* sp.
As before, but with large narrow-leaved
tree. with rough bark basal half,

smooth grey above, occasional
(sample of juveniles), + butterfly
iris numerous. 3895. 10.30 am 29.18".

Virgin beech forest, with ferns + a
[Clergy-top pine = *Phyllocladus rhomboidalis*]
limited amount of undergrowth.

Also cleared beech around creek, with
grass, rushes, etc. No *Acrids*.

3911. Donah. 3919. Cleared from *E. obliqua*,
blackwood + *A. dealbata*. Short grass,
bracken, few shrubs (*Cassinia*). ~~No~~

Phaul (n) ~~Acrids~~. Basalt. 3927. Highclere. 3931.

Ridgley. 3932. Cleared from a ene.
and blackwood. 2ft. grass pasture
with bracken + blackberry on basalt.
No *Acrids*.

Burnie 3939. 3942. Stunted ^{to 15ft.} ene, mainly
Phaulaspidium vittatum, *Cirrhula pyrhaenensis*,
obliqua, on very steep stony slope.
Exarnia includens
Heath, 1-4ft. underneath. Podsol.

Penguin 3951. 3954. Small headland
with grass + bushes of *Acacia* sp. +

Myoporum sp. fringing sea. Phaul.

Liverstone 3958. 3969. Stunted obliqua,

[E. ? salicifolia]

ovata + a peppermint (spec.), also a
Eucalyptus muscicus (n), *Phaullocladum*
Casuarina (or regrowth from these
cuttings, *Austrobaileya vulgaris*
spp.), with small + larger shrubs,
grass, + rises underneath. Eucalyptus.
Podsol.

Deerpost 397.

10/1.

Cradle Mt. 11.30 am 27.18" at Waldheim
lunch site 2.15 pm 26.12". Summit saddle
25.25", 4 pm - hatrohe 10.30 pm 30.09".

3969 + : Tree-line, Cradle Mt.

Eucalypt lying between coccifera +
tasmanica according to Brett's Key,
tasmanica being regarded by Brett as
a hybrid.

18/1. Devonport 11 am. 30.22". Lullmot

12.0, 29.35". Waldheim 1.30 pm 27.15".

4178. Waldheim. Community of rushes
Russalpia longifolia

+ grasses, a small fern in patches,
lullmot grass rare, in valley
(Grable Valley)

[*E. subcuneolata*]
immediately below chalet. 4179.

Tasmanianensis sp.
E. gigantea, *Coccyzus* the other one.
a [*E. divaricata*]
from chalet, ~~the~~ new one! (Spent.)

Trees to 50 ft. Ground cover of
shrubs (1-2 ft), grasses, etc. 2.30.

27.22". 4180. 2.45. 27.27". Rush plain, ^{on flat.}
Russalpia longifolia
with lullmot grass strongly predominant.

4185. 3.30. 27.54". Alpine
Russalpia albertsi near
woodland with one noted ~~at~~ Waratah

with *gigantea*. Grass scattered
small shrubs. *Richea scoparia*?

small swamp. 4193. 4 pm 27.87"
Paratettix argillaceus (R), *Tasmanianensis* sp.

Two euc., one tall, smooth, mottled
grey, prob. orig. W.S.F. - alpine woodland
ecotone. Plenty of Poa, some small
shrubs.

Wilmor. 29.82 4208. 11216. 5pm. 29.20"

WSF obliqua-viminalis, dense
tall shrubs, bracken.

12/1

4243. Labroche. 4249. Sassafras.

Phaulacridium vittatum, *Coniaca*

4253. Thinned, thicket in past, from
australasiae, *Austroicetes vulgaria* (?DSF)

obliqua, viminalis & ovata, small
Parakeltix argillaceus (R), *Tasmaniacris* sp.

shrubs of *Acacia* spp. & others, sparse
grass, little blackberry, considerable
fallen litter, some bare ground.

4263. Elizabeth Town. 4265. Chased from
Austroicetes
vulgaria

?WSF. Only remaining trees a few *Acacia*
dealbata. Short grass with occ. shrubs
to 3ft. & numerous large tussocks of
white iris. Also a patch of dense
Themeda. Basalt hill slope. Phaul.

4270. Deloraine. ~~to~~ 5am. 29.52. 4275. Thinned
from WSF of ovata, viminalis & a narrow-
leaved peppermint with tall shrubs of
Leptospermum & small trees of *A. dealbata*.
Ground cover of grasses, including
Themeda, & tussocks of *Lomandra* " ~~nodes~~. No
Arids.

4th Nov

Quamby's. Russalpia at 27.80".

30 ft. from summit: 26.22". Bottom:
28.42"

13/1. 4299. Breona. 9.30 am 26.60". 4300.

Monistria flavogranulata huguiniae (n)(R), *Tasmanian*
High moor with shrubs to 1-2 ft, rushes,
sp., *Russalpia albertisi*, *Koziuscola tasmanicus* (R)
Richea scoparia, & cushion plants. Low-

lying swampy area leading to slopes
of rocky hill with low gigantea.

4311. Very short grass & shrubs to 6" on
flat to gently rolling country with
numerous depressed bare patches, &
numerous stones. ~~27.05"~~ ~~10.30 am~~
[*E. pauciflora*]

No Acrids. 4327. 11.30 am 27.12. *Pauciflora*
Phaulacridium vittatum *Tetrix collina* (R)

(?) (sp.) & a rough barked sp. forming
Monistria flavogranulata huguiniae (atyp.) (R)(n), *Russalpia*
alpine woodlands on gentle slope.
albertisi, *Koziuscola tasmanicus* (R)

Lower part of slope free from trees,
occupied by shrubs to 1 ft. with
rushes & grass. New species mainly
from patches where burning had
increased large rushes & grass &
almost eliminated shrubs. 4338.

Monte, 4339. 12.20 PM 27.90" (this also

very dense flag.

[E. affinis] *Microstichum vittatum*,

Rossia colatasmannii (R)

[*Ha. microdactyla*]

4350. Dec. 27.46 (1) 1 PM 4375.

Schizobothrus flavovittatus (N),

Dec. 4374. *Orata* *Microstichum vittatum*, *Brachyocoma bifurcata*,

1 ft. *Microstichum vittatum*, *Brachyocoma bifurcata*, *Paratettix argillaceus*

Microstichum vittatum, *Brachyocoma bifurcata*, *Paratettix argillaceus*

(N)(R)

Microstichum vittatum.

Hamilton 4385. 4374. *Stipa* *Microstichum vittatum*, *Brachyocoma bifurcata*,

Microstichum vittatum, *Brachyocoma bifurcata*, *Paratettix argillaceus*

Microstichum vittatum, *Brachyocoma bifurcata*, *Paratettix argillaceus*

Microstichum vittatum, *Brachyocoma bifurcata*, *Paratettix argillaceus*

Microstichum vittatum, *Brachyocoma bifurcata*, *Paratettix argillaceus*

Microstichum vittatum, *Brachyocoma bifurcata*, *Paratettix argillaceus*

Microstichum vittatum, *Brachyocoma bifurcata*, *Paratettix argillaceus*

Microstichum vittatum, *Brachyocoma bifurcata*, *Paratettix argillaceus*

Microstichum vittatum, *Brachyocoma bifurcata*, *Paratettix argillaceus*

Microstichum vittatum, *Brachyocoma bifurcata*, *Paratettix argillaceus*

Microstichum vittatum, *Brachyocoma bifurcata*, *Paratettix argillaceus*

Microstichum vittatum, *Brachyocoma bifurcata*, *Paratettix argillaceus*

Microstichum vittatum, *Brachyocoma bifurcata*, *Paratettix argillaceus*

Microstichum vittatum, *Brachyocoma bifurcata*, *Paratettix argillaceus*

Microstichum vittatum, *Brachyocoma bifurcata*, *Paratettix argillaceus*

5pm. 30.24°

15/1. 4446 Hobart. 4451. Berriedale.

4452. Ovate another one, with much

greater amount of *Acacia robusta* (Casuarina stricta)

Curatilis. 9. Casuarina sp. (Spec.) all to

ca. 2 ft. Paul. 4457.

4462. Pontville. Rubida & [E. linearis]

a. very narrow. leafed *Myrica* (sp.)

Paratettix argillaceus (R)

4467. Bagdad.

4472. Probably *Myrica* (sp.) rolling slopes. Very acc. ovate & paniciflora. 9" pasture, dense. No Herid

4473. *Myrica* (sp.)

4474. *Myrica* (sp.)

4475. *Myrica* (sp.)

4476. *Myrica* (sp.)

4477. *Myrica* (sp.)

4478. *Myrica* (sp.)

~~Common~~ tree,

Lomandra

, & Macrotona among latter.

4490. Gerardia, 4493. Panicum in

savannah

[Trifolium repens]

& bastard of rye-grass, clover

[Vulpia bromoides]

grass,

4492.

4491.

Cryptobolus chrysophorus, Brachyscarus

latipennis, Conoclinium, Stachys, Phan.

Humistris flavograminata flavograminata (typ.) (R)

50

are. Them. Phan.

Phan.

Phan. Liriodendron ultratum (R), Brachyscarus

latipennis, Macrodictes humilis (R), Stachys

woodland on flat with ? Danthonia

Mimosa maria

Poa-Stipa rather open pasture. A.

pusilla, Phan. 4513. Tembridge. 4521.

Phan. Stachys humilis

grass short grassland on steep

atony slope with numerous small

patches low ground. 4522. Ross.

Macrodictes ultratum (R), Macrodictes ultratum,

4528. Savannah woodland of humilis

A. frutes, Paratettix argillaceus (R) (R) humilis

and humilis var. Huberiana with A.

dealbata. Areas of Themeda, Poa &
Banthonia. Plant. 4530. Campbelltown
4538. Conara Junction ^{10 ft.} 4555. Conara ^{leaves}
^{including} Junction. *E. viminalis* & a ^{very} narrow-
leafed peppermint in a community
intermediate between DAF & woodland.
Trees closely spaced, ~~growing~~ with
some low small shrubs, ^{Leomandra} ~~side~~
& scattered grass, & taller shrubs of
A. dealbata. *A. vulgaris*, Plant. &
macrotona, the two former along the
edge of roadside with mainly Themeda.

4578. Path. 4583. Grassland, 9" on
gentle slope to watercourse bearing
tall *uppraciae* & *Phragmites*. Black
soil. No herbs. 4589. Lancelston.

4591. Lancelston 4619, Mt. Barrow (summit.)
3.30 pm 24.9" at hut. Blue & red hoppers
mainly among talus. Usual alpine
shrubs, *Asteria*, Poa. *Alnus* (?) occ.
4620. Ca. 500 ft. lower down. Similar

shrubs plus occ. *Anthofagus*. 4621
Virgin & cleared *Anthofagus* - *sassafras*.
A. dealbata. no *Acrids*. 4628. Return to
main road. 4636. *E. regnans*, *A.*
dealbata, *Dichsonia*, other gully species.
Phaul. in grass & blackberries along
road.

17/1. 4655. *Scottdale*. 4680. Warehouse
Cata. Turn round. Heath, with the
usual shrubs etc., with *Leptosiphon* *homandra*
Leptosiphon *musica* (2), *Leptosiphon* *australis* (1),
& *Danksia* sp. frequent to 15ft., *E.*
Pardunira *pedestris*, *Leptosiphon* *australis*, *Leptosiphon*
pauciflora, to about same height, occ.
Tetrix collina (R)

Phaul., *Leptosiphon* *Exsua*. 4684. Very
Leptosiphon *pedestris*, *Pardunira* *pedestris*, *Exsua*
similar to last, but *Leptosiphon* *pauciflora* rather
inundated, *Leptosiphon* *australis*
(to 15ft.) & *pauciflora* replaced by a *Leptosiphon*
Exsua, Phaul.

Peppermint. *Xanthorrhoea* in patches
Cryptobothrus *chrysophorus*, *Leptosiphon*
4696. Better grass (dow.) with other
Leptosiphon *musica* (2), *Pardunira* *pedestris*, *Leptosiphon* *australis*
Cyperaceae, low stems, occ. small
shrubs, in swampy depression
bordered by *Leptosiphon* *australis* & peppermint
with 2-3ft. shrubs, mainly *Leptosiphon*
Exsua, Phaul, 4702. For the.

4718 Herby

*Pantellia argillaceo*ⁿ(R)

4725 Inoovina 4730. Cleared from oblique-

A. dealbata W & F. Much and data left.

Blackberry, bracken, myrtaceous shrubs
to 10ft., grass. Phaul. odd *nothofagus*.

Cephaelis pyrrhocnemis, *Gonicea*
granite. 4735. DSF, dense forest of trees,
and *halocarpus*.

mountain in surrounding country
of the peppermint, myrt. etc. etc.
Track with frequent trees. *Tanthospora*

granite. *Exuma*, Phaul. 4740. etc.

Heleno.

4773.

18/1. *Scamander*. Proceeded north. 4774.

Myrsine, *Cephaelis pyrrhocnemis*,
Heath, with small *Tanthospora*, *Exuma*
inclidens, *Myrsine* *nana*

coastal dunes. Phaul. 4775. *Scamander*
a smooth-barked tree, *Ca. suarina*

4776. *Sieberiana*, DSF. with bracken,
Lomandra low *Cephaelis pyrrhocnemis*,
S. oides, occ. shrubs, & much litter.

Benhowmond: Track starts 3 miles E.

of Storey's Creek. Tall gigantea with
A. dealbata *Monistria flavogranulata*

Poa, bracken ferns. The *Monistria* was
fragrans (atyp. X)
obtained a few hundred feet above

this point, at an estimated altitude

of ca. 2500ft., in well-developed gigantea

summit: A flat depression with much

standing water, and rocky
surrounds. The usual alpine
shrubs, practically no *Poa*. *Carex* in
plants in the low lying parts. The
blue root species near *can* (two
specimens), adjacent to the only
piece of *Salix* *lucida* type *tes*, but
not *lucida* here.

Arctostaphylos
1911. From Campbelltown: 4876. Black soil
Arctostaphylos
plain bearing fairly dense *Arctostaphylos*
Poa & *Aristida*. Being to more compact
soil on slopes around. Apparently a
distinct *Chapt.* habitat, but none
seen. 4877. St. Mary's turn-off. 4887. *Arctostaphylos*
Arctostaphylos *Arctostaphylos*, *Arctostaphylos*,
Arctostaphylos *Arctostaphylos* *Arctostaphylos* *Arctostaphylos*
along small gulches. Short grass &
patches of *Poa* *Arctostaphylos*. *Arctostaphylos* 4893.
Arctostaphylos *Arctostaphylos* *Arctostaphylos* *Arctostaphylos*
Arctostaphylos 4896. *Arctostaphylos* *Arctostaphylos* *Arctostaphylos*
Arctostaphylos *Arctostaphylos* *Arctostaphylos* *Arctostaphylos*
Arctostaphylos *Arctostaphylos* *Arctostaphylos* *Arctostaphylos*
short grass *Arctostaphylos* *Arctostaphylos* *Arctostaphylos*
Arctostaphylos *Arctostaphylos* *Arctostaphylos* *Arctostaphylos*
large areas *Arctostaphylos* *Arctostaphylos* *Arctostaphylos* *Arctostaphylos*
Arctostaphylos 4907. *Arctostaphylos* *Arctostaphylos* *Arctostaphylos* *Arctostaphylos*

A. dealbata

uminalis, very occ. pauciflora in
 riv. wood. with *St. affinis*. Very
 abundant, some ~~white~~ ^{romandra}, rose, and
 green. Other *Phac.*, *uligin.* 4911.

Kingal. 4916. *Trametes* with slightly
reddish base, & 4. reddish brown from
surface to top, & two narrow, brown
lines, especially on Kingal. 4924. St.

Cryptalothlorus chrysophorus,
 Harris. 4927 rather open S.F. woods. It
 appears with *Orthocentrus* & *Phylloscopus*
 among the Hb. shrubs & litters. *Cryptalothlorus*
 mainly adjacent to road where
 birds absent & litters about road.

4987, 100 ...

Könnandra

4945. Heath Woods coastal zone,
Essex, included; T.

leading up to superpartia 1st. with
E. coli. C₂.
has n.c. prophenix + (0 with) 7, acc.

marginatus. *Santhorniae*. Small sp.

of Brazil, Macrobrachia, A. vulgaris.

4953. Bicheno. Asphodela. 4959. Ouse, 9

Psychotriopsis sinensis, *Paralittix argillaceus* (N) (R),
in part almost pure, stand of *Themata*
argillaceus (N) (R), *Cryptota sinensis*,
in lowlying flat, in places

mixed with shrubs to 2 ft., mainly
Myrtaceae, fringed by low *ul. peppermint*
ul. dealbata

+ *minimatis*, with some shrubs.

Homandra australasica (N) (R), *Homandra*
4967. low DSF of very *ul. peppermint*
upper branches cream gray & braked

+ *minimatis*, acc. *A. mollicornis*.
Homandra
low tree, low thin shrubs, ~~20 ft.~~

at top of rise. 4970. Cranbrook.
20 ft.

5048. Swansea. 5052. Grassland on
Paralittix argillaceus (N) (R), *Psychotriopsis sinensis*,
low in the flat area behind back,
Minyacris nana (Stipa *sp.*) (R).
low tree, *Homandra*, *Stipa* *sp.* (R).

Homandra, ~~20 ft.~~ *Homandra* ~~20 ft.~~
Paralittix argillaceus (N) (R).

in the ~~20 ft.~~ *Homandra* ~~20 ft.~~ *Homandra* ~~20 ft.~~
in the ~~20 ft.~~ *Homandra* ~~20 ft.~~ *Homandra* ~~20 ft.~~

in the ~~20 ft.~~ *Homandra* ~~20 ft.~~ *Homandra* ~~20 ft.~~
Cryptotrichum, *Chrysophorus*, *Brachycaea*

5065. Thinned from *globulus*, *minimatis*,
oleifolius, *Paralittix* (N) (R), *Psychotriopsis* (N) (R),
ul. peppermint, *ovata*, *A. dealbata*.
Homandra *Brachycaea*

Homandra, ~~20 ft.~~ *Homandra* ~~20 ft.~~ *Homandra* ~~20 ft.~~
Homandra, ~~20 ft.~~ *Homandra* ~~20 ft.~~ *Homandra* ~~20 ft.~~

5079. Thinned from
globulus sav. woodland, acc. *A. mollicornis*,
ul. mollicornis

and a new glaucous-leaved *peppermint* +

(sample) from ^{homandra} ~~sample~~, white soil
 sec. A. in grass 5081. *Trichomanes*
 5085. Oxford. 5089. *laucous ul. pappem.*
Phaulacridium vittatum
 Grey-topped ul. pappem. l. r. *minimatis*
 20-25 ft. DSF on steep rocky slope above
 R. Brouse. ^{homandra} ~~sample~~, sec. *A. delectata*,
 sec. small shrubs. *Phac.* *Cryptanthus*
 5096. Buckland. 5099. *laucous ul. pappem.*
Phaulacridium vittatum, *Monistria flavogranulata* l. r.
Phaulacridium vittatum (R)
 5100. *laucous ul. pappem.*
 5110. DSF on steep slope. *laucous*
ul. pappem. *minimatis*, species with
 very glaucous upper branches & pinnules,
 found particularly in hilllands in m.
 5120. 5127. *laucous ul. pappem.*
 Cambridge. 5130. Largely cleared, but
 with considerable regrowth, from
minimatis ul. pappem. with grey
 upper branches, & glaucous hilllands.

sp. from 7 August 1954. 5134. Zellerbach.

211. 5161. 2011. 5163. 6-9" pasture on
Parnettia argillaceus (20) (R)
black soil slope down to river. A.

vulgaris. 5166 Facett 5173. DSF. of oblique,
grey-topped w/ peppermint, *Leucadendron*
mista. Dec. *Leucadendron* sp. to 15ft. And
growth of *Lomandra*, ~~shrub~~, small
shrubs. Opening out into bush in a

grassy patch. 5176 Copping. 5183 *Leucadendron*
Leucadendron sp. to 15ft. *Leucadendron* sp. to 15ft.
stunted cream & grey-streaked w/
[*Leucadendron* sp. to 15ft. *Leucadendron* sp. to 15ft.]
peppermint (8ft) & mista (both to 20ft.), cc.
Leucadendron sp. to 15ft. *Lomandra*
Leucadendron sp. to 15ft. *Lomandra* sp. to 15ft.

shrubs, *Thamnia*, *Dacrydium*. *Macaranga*
5186 Mordunna. 5194. Globular WSF. with tall
shrubs, yew, blackberry. No ferns.

5197 *Laquearia* & *Nere*. 5201 E.H. Nock. 5214. Pt. H. Nock.
[*Leucadendron* sp. to 15ft.]
5218. DSF. of oblique. *Myrtaceae* sp. (+ Dec.),
w/ 20-30 narrow-leaved peppermint.

opening out into bush. 5219. *Leucadendron* sp. to 15ft. *Leucadendron* sp. to 15ft.
5227 E.H. Nock. 5238. Open sav. on good land
includes, *Austrobaileya* *vulgaris*
of *Leucadendron* & *Leucadendron* to 25ft.

State of Tennessee, Tennessee River
Swamp, Tennessee, New Orleans, Louisiana, etc.

5240 Humalley

22/1. 5289. Hobart. 5301 Branton. 5302. Shallars

swamp along Derwent. Parasites
sent to river, followed by Cyperaceae &
Lepidoptera. No birds. No birds.
collected in grass & reeds along river
adjacent to slope near H. mollissima,
suaresia, sp. & mus. 5312 New Norfolk.

5319 Plenty. 5322. Cleared from *umbratica*,
Microsiphon & *Microsiphon*. *Microsiphon* with
long comb A. *dehiscens*. 2th. *stipa*-
like. *Microsiphon* & *Microsiphon*.
swampy area. *Microsiphon* on steep bank
facing slope, No. Birds. *Microsiphon*.

5324 Gully. 5325 Glenora. 5332 Westway.

5334. Considerably thinned from ~~one~~ one to
not far from 1 (Prob. more than one sp.)
(*Microsiphon* of fruit) & *Microsiphon*. with A.
dehiscens & *Microsiphon*. *Microsiphon* & *Microsiphon*.
shrubs, bracken, talus. Phaul.

5337 National Park. 5347. Lake Dobson. High
near shrubs Hotel's, Ricken, etc. *Microsiphon*

King Billy (*Microcachrys tetragyna*)

[*Chorizanthe* ...] 5348. Moor: ...

5349 Lake Fontana above, on slopes of Mt. ... 15 ft. ... a little ... + 100 ft. ...

23/1. 5422. Mt. Wellington (summit). The usual alpine shrubs ... A little ... ca. 20 ft. below summit on talus & adjacent shrubs. Size 3. ca 250 ft. below summit (?) on talus with fair-sized (25 ft.) ... Seen at Haverden: *Excoecaria*, *A. vulgaris*.

26/1
5561 Melton Mowbray

5564 Apsley. 5569 Rubida, common, *Brachycaea*, *Coliophora*, *Macropodina*, *Excoecaria*, *Panettia*, *argillaceus* (2) (R), 7. Small *A. diaphana*. ... growth of ... 5574 Bethwell 5580 *Brachycaea*, *Coliophora*, *Macropodina*, *Excoecaria*. Open sav. woodland of Rubida,

interspersed with moss. Shrubs 1-2 ft.
Poa, & other low grasses. 5617.
Kosciuszko balsamifera (R)
Habit, with Poa & mosses in uniform
stand 3-9" high, in part, shrubs 6-12".
Habit more in cop., carrying the
work a - prey. 5619. Miema. 5660. Descent
Bridge ^{27/1} / Climb to Mt. Rufus: from
Descent B. to Lake St. Clair Chateau, 4
miles. From there to summit of Rufus
1/2 mile. The new genus with
length wings was found amongst
2-2 ft. shrubs, mainly *Bomarea*, in
different places,
with a rich alpine woodland, dominated
by *Gigantia cucifera*, glaucous, leaf
opposite, & another ^(*G. alba*) species
with smooth pale leaves, ^{pale}
mottled with a brownish olive & dark
purple-grey. Altitude range of these
communities probably about 2700 to
3800, but this is prob. not significant,
the chief determining factor being
apparently tangled shrubs under

knives, especially Bayana. It
about 4400 ft. The vegetation with
ch. blue anthers was found, but
not mixed with the others, but on
a flat open area with scattered
shrubs ^{rocky} have patches, usually
along. Russuloides, this found to
the summit, but Trematocarpus was
about 6 or rare above 4000 ft.

Description of specimen C: General ground
colour deep purple-brown with silvery-
white markings. Head above with
thin white postocular lines, spreading
inward somewhat along posterior
margin of head. In side view with lateral
facial carina & posterior margin of head
white, except for most dorsal portions;
other white markings behind lat. fac.
Car. on gena beneath eye. Face with
central portion of each margin of clypeal
ridge white; lateral facial area

white immediately above clypeus.
Pronotum disk with narrow white
longitudinal stripes immediately
inside the lateral caninae anterior
to first transverse sulcus, and
broader longitudinal stripes inside
the lateral caninae posterior to the
second sulcus; a white spot, with
purple-brown centre, around each
carina between 1st & 2nd sulci.

Lateral lobe with lower portion of
anterior margin, & greater part of lower
margin white; a broken white band
extending posteriorly from ant. margin
to 3rd sulcus & then diagonally to
posterior corner of angle near hind coxae
on episternum. Ridge on meta-episternum
white, with white spots on meso- & meta-
episternum to near posterior lower angle.
Abdominal tergites with rows of white
spots, especially a row of triangular
spots in posterior lower corners.

bees principally of the woodlands.
5680. Beech, leatherwood, etc. rainforest,
part of it cleared showing 1st. regrowth,
with ferns. No Acrids. 5689. Button-
grass, other Cyperaceae, etc. small
shrubs on one side (west) of steep
hill, *Banksia* & *Lepidospermum* 2-3 ft.
or other. No. *Peppercorn* in one
patch. 5693. Collingwood R. 5698. Greatly
thinned from *Peppercorn* & large *Myrsine*,
grass & short grass, patches *Cyperaceae*,
small shrubs *Banksia*. 5708. Original
veg. unknown; destroyed by fumes from
Mt. Lyell mines. regrowth of *Lepidospermum*,
& leatherwood to 10 ft., with bracken, mosses,
Cyperaceae, grasses, etc. 5716. *Commersonia*
5721. Queenstown. 5725. Regrowth of a
wattle, rather shrubs to 10 ft., with
a little bracken, & large tussocks of
coarse grass, & *Cyperaceae* in depression.
Sloped on land denuded by mine
fumes. No Acrids. 5739. Heath, with

button-grass & *banera*, 1-4 ft. No *Acrid.*

5748. Strahan. 5753. End of road to ocean

beach. Vegetated sand dunes with
[*E. divaricata*], *Paratettix*
leucelypt shrubs 2-8 ft (spec.), short
argillaceus (W(R), *Mimosa* *nanay*,
grass, other small shrubs, & *bracken*.

29/1. 5793. Queen's Town. 5796. Rain forest,

with *Podocarpus*, *Agathis*, *Myrsine*,
& young horizontal scrub. This mainly

long roadside. No *Acrid.* 5808. Zealan.

5820. Near Kumeu, about 1 mile from

the sea. *Heath* ~~to~~ 1-8 ft., with button
grass & acc. *banera*. *Russell* (spec.)

Heath. 5824. Claret from peppermint.

shrubs to 8 ft., rushes, low *hardy* ferns,

5830 Zealan

5855 Q'tn

30/1. 5908. Demant Bridge. 5914. *Panicum* &

Lobelia *alpine* woodland on
Koeleria *tasmanica* (R)

slope with shrubs to 8 ft or little

low, leading down to a small

depression with mainly low & fine

rushes, fringed with a small acc.
[*E. divaricata*]

Plum Island, Massachusetts, U.S.A.

S.E. asperifolia

Kozmetsola Tamas, (R)

numerous large *Por. hexagona*, &

[0.2 is a small number]

Take & discuss

Monobrya plagiogramma Caba truga. n. n. 11/12

Calymene. The undisturbed forest

Thomisus flavopygmaeus Catta & Lavogranis (to be a typ. sp.)

Dalrympleana, a rough-backed sp.

Phlox pilularis (L.) B.S.P. var. *rosea* (L.) B.S.P.

... (young tree sp.), *Paricifera*,

? *mininalis*. Shot Danthonia, &

... of

5947. *Ostrya*. 5949. *Rubida-paniiflora*

woodlands or DSF. Occ. *A. dealbata* (small).

low bracken, considerable bare ground

5960. Onze. 5970. Hamilton. 5973. Braxton.

Jan 81. 5978. *Phlogothra, viminalis*, ? Dal.

W
in ~~WSF~~ (?) with small *A. dealbata*, *A.*
monistria flavogramulata *truganinae* (atyp) (R), *Tasmaniae* sp.,
melanoxylon, *Exodes*, bracken, grasses.
Rhosalphia albertsi

Oec. ovata + *parviflora* in damp hollow.
Austroicetes pusilla, *A. vulgaris*

5987. Sav. woodland of very sparse
[*E. ovata*]

small-leaved *ovata* (spec.) on steep
stony slope, with *Bucaria* + *Plinthanion*
Stipa pasture. Patch of goose. macrotona

5991. Broadmarsh. 5998. Junction with
Midland Highway.

3/11. 6034. *Fontic.* 6040 Longley. 6041.

Tasmaniae sp.
Considerably thinned + damaged by fire

from ~~WSF~~ of *obliqua*, globules + a
very narrow-leaved smooth *obliqua*-
barked peppermint (spec.) much underfoot
[*E. linearis*]

of shrubs 3-5 ft. + young eucos + coarse
grasses. 6052. Knowville. 6057. Franklin.

Tasmaniae sp.
6059. Thinned from *obliqua*, + *A. dealbata* +
A. melanoxylon WSF. with dense shrubs
in places to 10 ft., elsewhere bracken,

blackberry + *Exodes*. Phaul. 6061. Castle
Lakes Bay. 6066. Guvaston. 6073. Greatly

Tasmaniae sp.
thinned from *obliqua*, with dense

bracken 3-5ft. *Rhynchospora* in adjacent
gully, 6080. Dover, 6083. *Strathblane*.

Considerably thinned obliqua W. with well-dw. heath, 1-3ft. Phaul.

6092. Hastings. 6095. Hastings Caves Chalet.

6098 In. with Catamaran Rd.

6110 Catamaran. Return. 6115. Damp flat
Russalpia alberti
of hutton grass & other *Asteraceae*, with
shrubs intruding around margins,
leading to thinned obliqua W. with
shrubs to 6ft. & bracken.

6124 Hastings ^{2/3} 6272. Ross, 6282. Widely-
Phaulacridium ciliatum, *Austroicetes vulgaris*,
spaced ovate sav. woodland with occ.
Parakittia argillaceus (R), *Minyopsis nana*
Casuarina & *A. dealbata*. *Danthonia*
pasture with patches of ^{*Lomandra*} ~~*Saxifraga*~~ &

Poa tussocks. Upper part of slope heavy
soil & stony, lower part a fine sand.
Oedanthus australis, *Phaulacridium ciliatum*,
6293. Very small narrow-leaved strappy
Brachysabna liliifolia, *Zeana includens*,
peppermint & *paraflora*, with *A. dealbata*,
Austroicetes vulgaris, *A. frutes*, *Minyopsis nana*,
& *Banksia* sp. 10-15ft. in community
Tasmanian sp.
intermediate between woodland
similar to shrub woodland. Short

softer sparse *Danthonia*, very
small shrubs (3-6" high, 6-12' diam),
clumps ^{*Homandra*} ~~*scodas*~~. 6302. Ovale sav,
woodland with *Danthonia* & another
grass 9". *Themeda*, *Poa tussock* &
Scirpus in hollow. Phaul. 6310. Cressy.

6320. Bishopstoune 6323 Little Hampton.

Phaulacridium vittatum, *Brachypsalma*

6327. Sav woodland of *pauciflora* &
leptopneumis, *Austroicetes vulgaris*

very small narrow leaved straggly
peppermint, with *A. dealbata* & occ.
Banksia sp. to 10ft. *Themeda* - *Stipa* -
Danthonia pasture 1ft., occ. tussocks

~~*scodas*~~, *Homandra*

^{3/2} *Excaria includens*, *Austroicetes*

6357 Exeter 6358. Considerably thinned
^{*vulgaris*} from ISF(?) of *ovata* & *peppermint*,
with regrowth of these spp. & *A. dealbata*.
Patches shrubs to 6ft., mainly *Leptopneumis*,
patches *Themeda*, patches bracken.

Phaul. *A. vulgaris*, *Excaria*.

Austroicetes vulgaris

6369 Frankford 6372. Almost completely
cleared from *ovata* & tea-tree along small
creek. Dense pasture 1ft., with tall

grasses & sphenocleae in lower-lying
spots. Phaul. 6382. DSF, well-dev.,
Gastromargus muscivorus, *Phaulacridium vittatum*,
of *ul. piperitum*; *ovata*, *umminalis*,
Goniata australasica, *Ecarna includens*,
with *Casuarina* sp., occ. *Exocarpos* sp.,
Austrocyathus vulgaris, *Tasmanianus* sp.
shrubs 1-4 ft., bracken, ~~2~~ *Lomandra* ~~2~~ *Gastrom.*

numerous amongst catnip grass &

small shrubs along road. Phaul.

Ecarna includens
6394 (along road to east of river).
occ. *umminalis*
Thinned & fire-damaged oblique forest,
with *Lomandra*
~~2~~ *Ecarna*, bracken, ferns, occ. iris.

Phaul.